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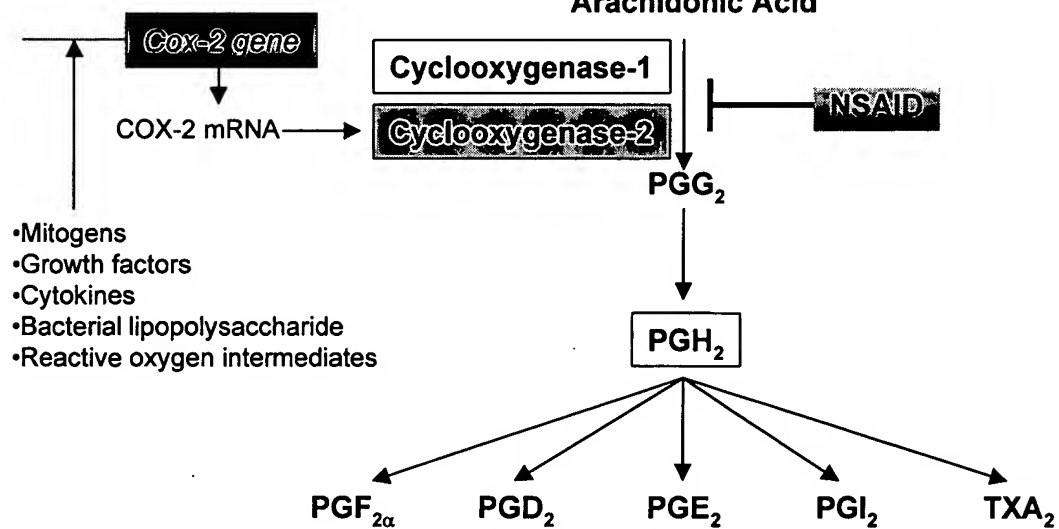
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Induction of Cox-2 gene depends upon cell type.



*Array of eicosanoids produced depends upon cell type.
Cellular response is a function of intracellular and extracellular receptors.*

Figure 1

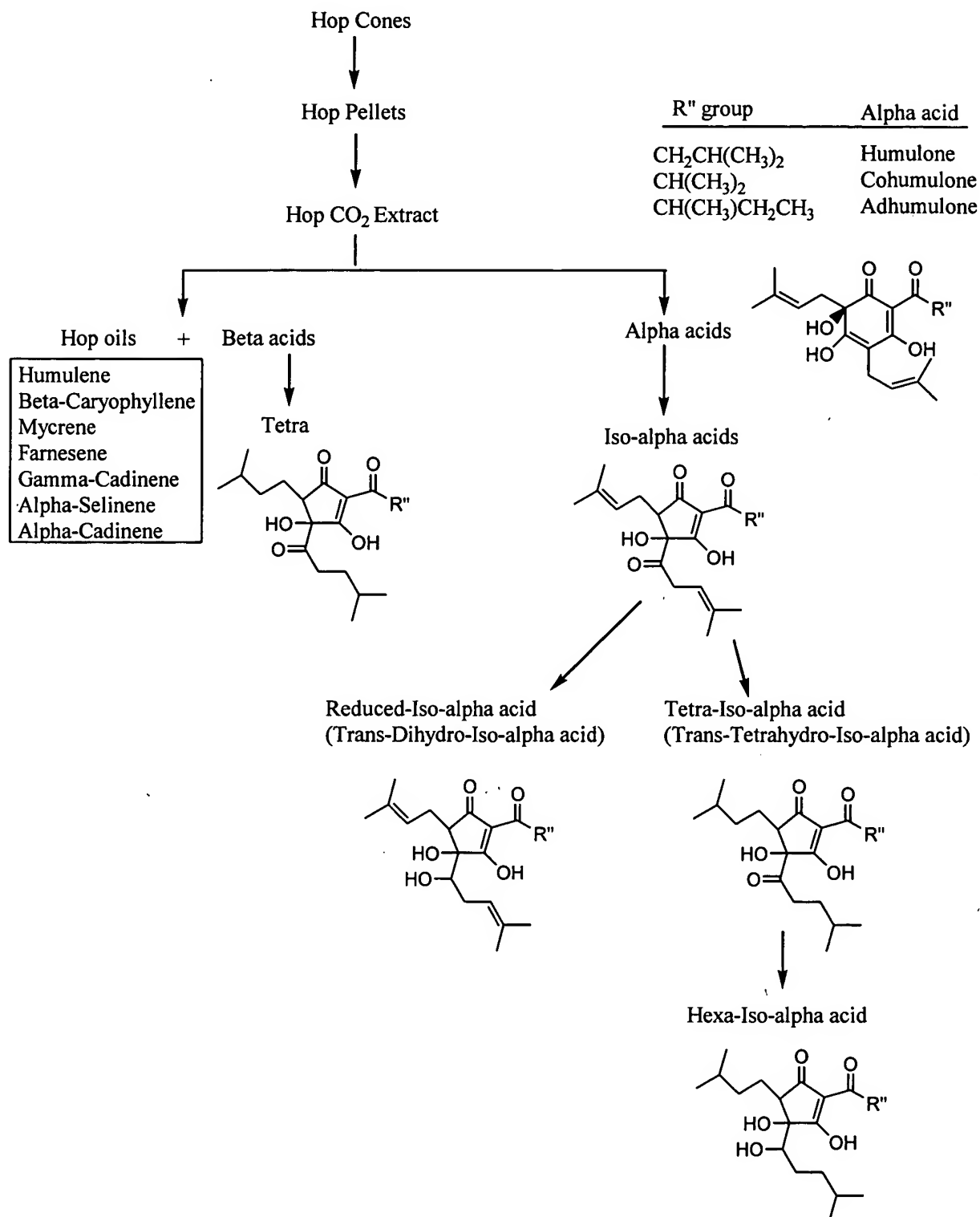
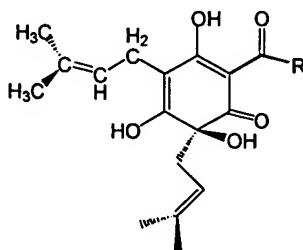
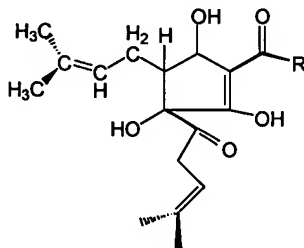


Figure 2

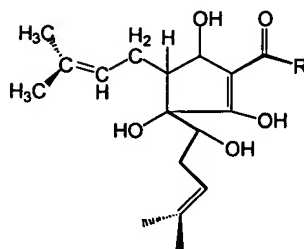
[A]



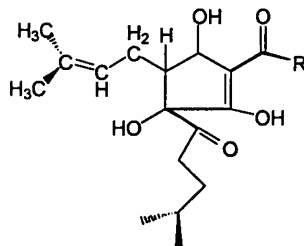
[B]



[C]



[D]



[E]

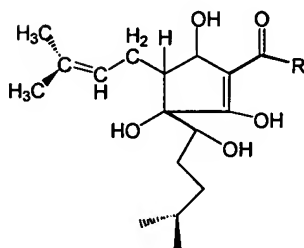


Figure 3

RIAA:IAA [100:1]

Fa	CI	RIAA [$\mu\text{g/mL}$]	IAA [$\mu\text{g/mL}$]
0.02	15.805		0.000
0.05	10.414	0.00048	0.000
0.10	7.501	0.00	0.0000
0.15	6.125	0.0095	0.00009
0.20	5.258	0.022	0.00022
0.25	4.636	0.045	0.00045
0.30	4.154	0.084	0.00084
0.35	3.759	0.15	0.0015
0.40	3.424	0.25	0.0025
0.45	3.131	0.41	0.0041
0.50	2.869	0.68	0.0068
0.55	2.628	1.1	0.011
0.60	2.403	1.8	0.018
0.65	2.189	3.1	0.031
0.70	1.982	5.5	0.055
0.75	1.776	10	0.10
0.80	1.567	21	0.21
0.85	1.346	49	0.49
0.90	1.100	152	1.5
0.95	0.794	955	9.6
1.00	0.387	55655	557

Shaded area represents region of synergy

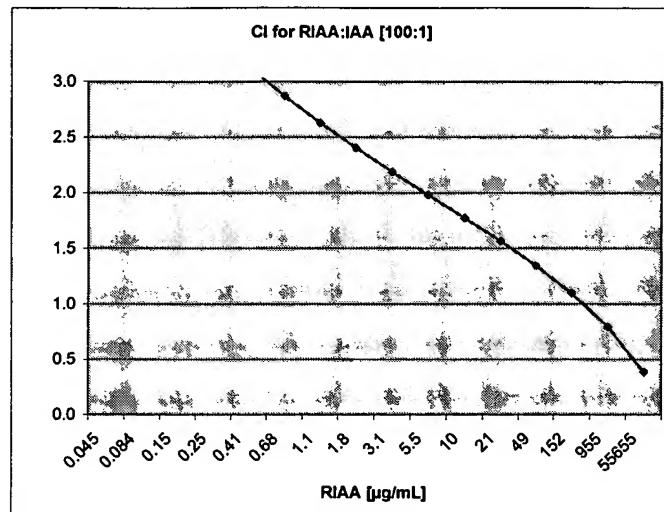


Figure 4A

RIAA:IAA [10:1]

Fa	CI	RIAA [$\mu\text{g/mL}$]	IAA [$\mu\text{g/mL}$]
0.02	0.466	0.0000012	0.000000
0.05	0.566	0.000024	0.000002
0.10	0.665	0.0003	0.000025
0.15	0.737	0.0011	0.00011
0.20	0.797	0.0032	0.00032
0.25	0.851	0.0079	0.00079
0.30	0.901	0.017	0.0017
0.35	0.950	0.04	0.0036
0.40	0.999	0.07	0.0070
0.45	1.048	0.13	0.01
0.50	1.099	0.25	0.03
0.55	1.152	0.47	0.05
0.60	1.209	0.90	0.1
0.65	1.272	1.8	0.2
0.70	1.344	3.6	0.4
0.75	1.427	7.9	1
0.80	1.530	20	2
0.85	1.664	59	6
0.90	1.862	253	25
0.95	2.236	2654	265
1.00	3.358		

Shaded area represents region of synergy

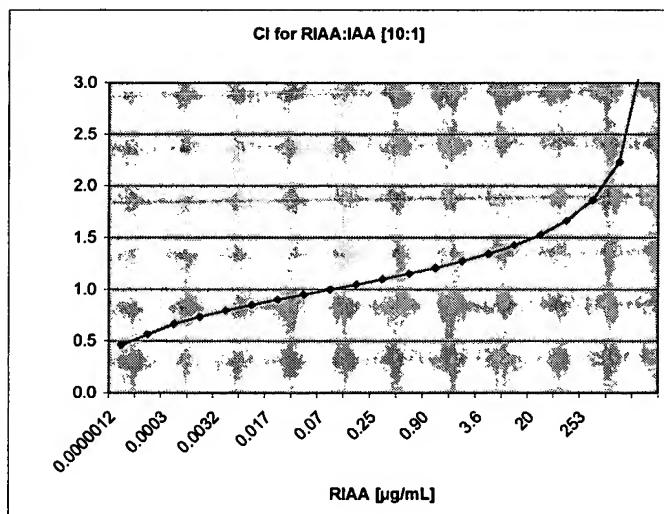


Figure 4B

RIAA:IAA [3:1]

Fa	CI	RIAA [$\mu\text{g/mL}$]	IAA [$\mu\text{g/mL}$]
0.02	4558	0.0087	0.002173
0.05	896	0.030	0.007438
0.10	253	0.078	0.020
0.15	116	0.14	0.036
0.20	65	0.22	0.056
0.25	40	0.33	0.082
0.30	26	0.45	0.113
0.35	18	0.61	0.153
0.40	13	0.80	0.200
0.45	9.1	1.00	0.25
0.50	6.541	1.4	0.34
0.55	4.704	1.8	0.44
0.60	3.362	2.3	0.58
0.65	2.370	3.0	0.76
0.70	1.632	4.1	1.0
0.75	1.083	5.7	1.4
0.80	0.678	8.2	2.1
0.85	0.385	13	3.3
0.90	0.182	24	6.0
0.95	0.054	62	16
1.00	0.004	531	133

Shaded area represents region of synergy

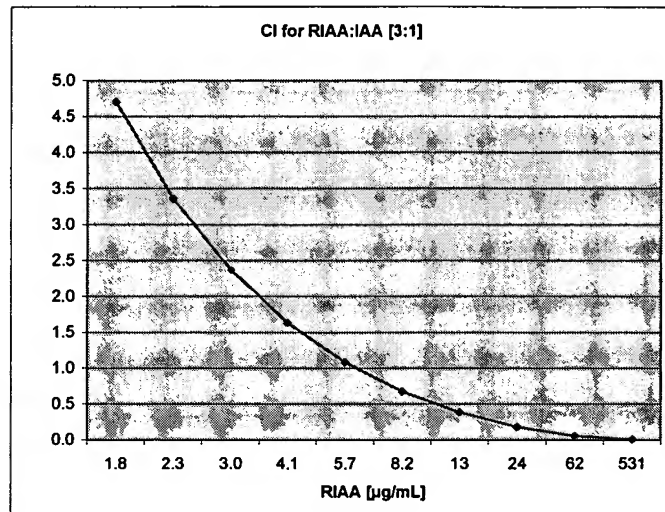


Figure 4C

RIAA:IAA [3:2]

Fa	CI	RIAA [$\mu\text{g/mL}$]	IAA [$\mu\text{g/mL}$]
0.02	220	0.00031	0.000
0.05	78	0.0020	0.001
0.10	35	0.0087	0.003
0.15	21	0.022	0.009
0.20	15	0.043	0.017
0.25	11	0.076	0.031
0.30	8.5	0.13	0.050
0.35	6.743	0.20	0.080
0.40	5.428	0.30	0.12
0.45	4.414	0.45	0.18
0.50	3.607	0.67	0.27
0.55	2.951	1.0	0.40
0.60	2.406	1.5	0.60
0.65	1.946	2.3	0.92
0.70	1.553	3.6	1.4
0.75	1.213	5.8	2.3
0.80	0.915	10	4.0
0.85	0.652	21	8.4
0.90	0.417	51	20
0.95	0.203	223	89
1.00	0.042	5807	2323

Shaded area represents region of synergy

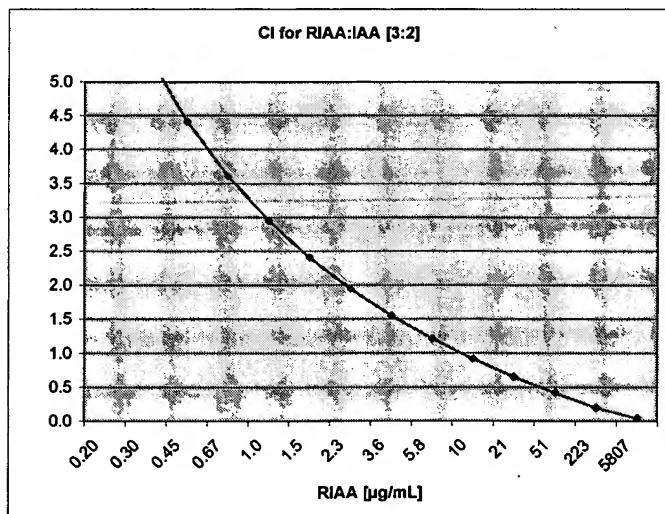


Figure 4D

RIAA:IAA [1:1]

Fa	CI	RIAA [µg/mL]	IAA [µg/mL]
0.02	0.022	2.5*10 ⁻⁶	2.5*10 ⁻⁶
0.05	0.049	1.0*10 ⁻⁵	1.0*10 ⁻⁵
0.10	0.094	2.0*10 ⁻⁵	2.0*10 ⁻⁵
0.15	0.142	0.00012	0.00012
0.20	0.194	0.00049	0.00049
0.25	0.252	0.0015	0.0015
0.30	0.317	0.0041	0.0041
0.35	0.392	0.010	0.010
0.40	0.478	0.024	0.024
0.45	0.579	0.053	0.05
0.50	0.699	0.12	0.12
0.55	0.846	0.3	0.3
0.60	1.028	0.6	0.6
0.65	1.262	1.3	1.3
0.70	1.573	3	3
0.75	2.007	9	9
0.80	2.656	28	28
0.85	3.743	110	110
0.90	5.92	687	687
0.95	12.507	13152	13152
1.00	67		

Shaded area represents region of synergy

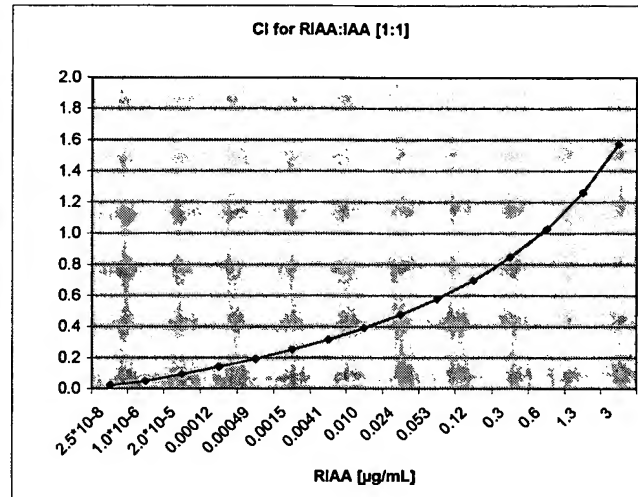


Figure 4E

RIAA:IAA [2:3]

Fa	CI	RIAA [µg/mL]	IAA [µg/mL]
0.02	56	4.7*10 ⁻⁵	7.0*10 ⁻⁵
0.05	30	0.00049	0.00082
0.10	18	0.0032	0.0053
0.15	14	0.010	0.017
0.20	11	0.024	0.040
0.25	10	0.049	0.081
0.30	8	0.091	0.15
0.35	7.266	0.16	0.27
0.40	6.436	0.27	0.45
0.45	5.738	0.45	0.76
0.50	5.133	0.75	1.2
0.55	4.598	1.2	2.1
0.60	4.114	2.0	3.4
0.65	3.669	3.5	5.8
0.70	3.251	6.1	10
0.75	2.851	11	18
0.80	2.458	23	38
0.85	2.060	56	93
0.90	1.636	176	293
0.95	1.140	1127	1878
0.99	0.531	68261	113768

Shaded area represents region of synergy

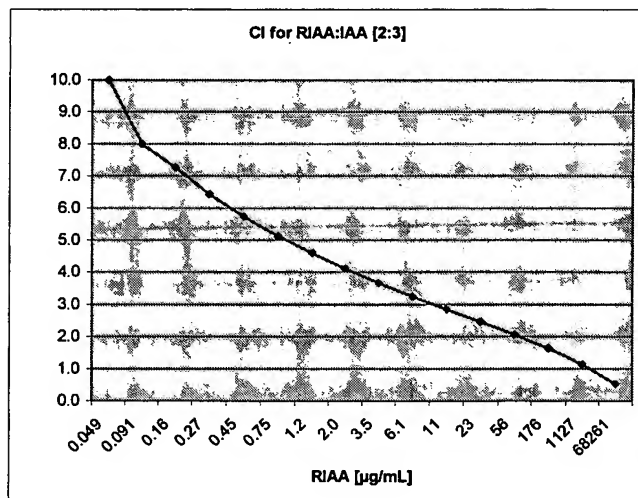


Figure 4F

RIAA:IAA [1:10]

Fa	CI	RIAA [$\mu\text{g/mL}$]	IAA [$\mu\text{g/mL}$]
0.02	35.000	5.7×10^{-6}	5.7×10^{-5}
0.05	16.000	5.7×10^{-5}	5.7×10^{-4}
0.10	8.737	0.00034	0.0034
0.15	6.023	0.0011	0.0110
0.20	4.560	0.0025	0.0245
0.25	3.628	0.0049	0.049
0.30	2.975	0.0090	0.090
0.35	2.486	0.016	0.16
0.40	2.104	0.026	0.3
0.45	1.794	0.043	0.4
0.50	1.535	0.070	0.7
0.55	1.315	0.11	1.1
0.60	1.124	0.19	1.9
0.65	0.956	0.31	3.1
0.70	0.804	0.54	5.4
0.75	0.666	1.0	10
0.80	0.537	2.0	20
0.85	0.416	4.6	46
0.90	0.298	14	140
0.95	0.176	86	860
0.99	0.058	4661	46610

Shaded area represents region of synergy

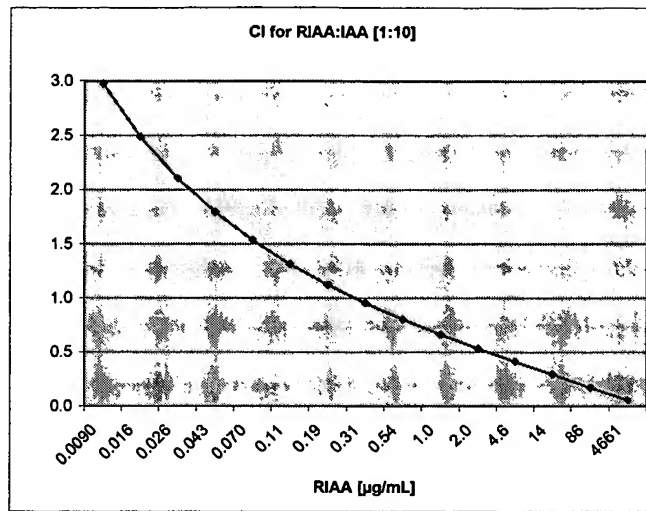


Figure 4G

RIAA:IAA [1:100]

Fa	CI	RIAA [$\mu\text{g/mL}$]	IAA [$\mu\text{g/mL}$]
0.02	0.856	1.5×10^{-8}	5.7×10^{-9}
0.05	0.903	3.4×10^{-7}	6.7×10^{-7}
0.10	0.943	4.1×10^{-6}	0.00041
0.15	0.969	1.9×10^{-5}	0.0019
0.20	0.989	6.0×10^{-5}	0.0060
0.25	1.006	0.00016	0.016
0.30	1.022	0.00036	0.036
0.35	1.036	0.0008	0.08
0.40	1.050	0.0015	0.15
0.45	1.063	0.0030	0.30
0.50	1.076	0.0059	0.6
0.55	1.090	0.012	1.2
0.60	1.105	0.023	2.3
0.65	1.120	0.046	4.6
0.70	1.137	0.10	10
0.75	1.156	0.23	23
0.80	1.178	0.59	58.5
0.85	1.207	1.9	190
0.90	1.247	8.6	860
0.95	1.319	102	10200
1.00	1.519	24285	2428500

Shaded area represents region of synergy

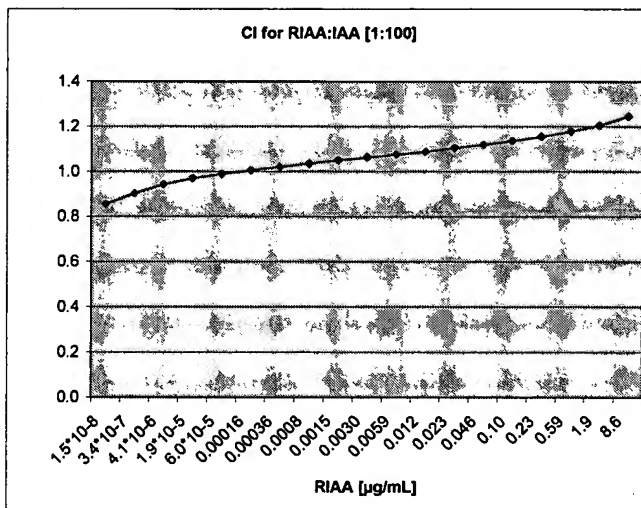


Figure 4H